

REMARKS

Claims 13-56 are pending in the present application. By this reply, claims 45-56 have been added. Claims 13, 21, 25, 29, 37, and 41 are independent claims.

The above amendments are fully supported by the original disclosure and do not add any new matter to the disclosure.

Interview Conducted

Applicants extend appreciation to the Examiner for the telephone interview conducted with Applicants' representative on May 20, 2004. During the interview, the Examiner clarified her rejections by stating that the Examiner has equated Setogawa et al.'s monitor 332 of the DVD recording apparatus 1 as shown in Figs. 5 and 8 to Applicants' "video apparatus" recited in independent claim 13 and other claims, and equated Setogawa et al.'s "DVD player" (not illustrated) to Applicants' "disc device" recited in independent claim 13 and other claims. Based on the Examiner's stated interpretation of the elements of Setogawa et al. in relation to the claimed elements, Applicants hereby traverse each of the Examiner's rejections as set forth below.

35 U.S.C. §102 Rejection

Claims 13, 14, 16-30 and 32-44 have been rejected under 35 U.S.C. §102(e) as being anticipated by Setogawa et al. (U.S. Patent No. 6,246,401). This rejection, insofar as it pertains to the presently pending claims, is respectfully traversed.

Regarding independent claims 13 and 29, the Examiner alleges that “Setogawa also discloses displaying a first menu page with first type menu items associated with functions or operations of the disc device (column 9, lines 1-10), referred to as the basic DVD system menu” as stated on page 2, lines 17-19 of the final Office Action dated January 13, 2004. Also, as mentioned above, the Examiner equates Setogawa et al.’s monitor 332 to Applicants’ “video apparatus”, and equates Setogawa et al.’s DVD player (not shown) to Applicants’ “disc device” in the claims. According to this interpretation, however, Setogawa et al. fails to teach each and every element recited in the independent claims.

The portion cited by the Examiner, column 9, lines 1-10 of Setogawa et al., teaches displaying a menu when the user selects a “menu button” on the remote controller of the DVD player when the DVD player reproduces the audio and/or video data from a DVD. In other words, only when the DVD player is turned on, the selection of a certain button on the DVD player remote controller causes a prestored menu to be displayed. In clear contrast, in

Applicants' embodied invention, as shown in Figure 5A, the digital TV generates a first menu page independent of the DVD player, using the menu data prestored in the digital TV. In other words, Applicants generate the first menu page by the video apparatus itself (e.g., a digital TV) independent of the disc device (e.g., a DVD player), whereas in Setogawa et al., the first menu page is displayed completely dependent upon the activation of the DVD player (disc device).

Furthermore, in Setogawa et al., there is no teaching that the monitor 332 of the recording apparatus 1 is connected to the DVD player via an interface. This argument was presented during the telephone interview conducted with the Examiner. In response, the Examiner asserted that Setogawa et al. inherently teaches that there is a connection between the monitor 332 to the DVD player mentioned in Setogawa et al. Applicants have reviewed the entire Setogawa et al. and did not find any specific teaching of the connection between the monitor 332 and the DVD player and also any teaching that would cause one skilled in the art to deduct that the connection between the monitor 332 to the DVD player is inherent.

In fact, Setogawa et al. seems to teach that once a user authors how the menus are to be presented, such menu screen data is recorded on a DVD 110 so that the DVD 110, when inserted into a DVD player, would allow a generation of menus that are user-preferred. As such, it is neither obvious nor

inherent that the connection exists between the monitor 332 and the DVD player. If the Examiner were to maintain this rejection, the Examiner is respectfully requested to point out specific disclosure supports for the alleged teaching. Therefore, Setogawa et al. nowhere teaches or suggest a video/audio apparatus (main device) connected to a disc device (remote device) via an interface.

Accordingly, Setogawa et al. fails to anticipate, *inter alia*:

A menu-driven remote control method of a video apparatus connected to a disc device via a digital interface, the disc device being able to reproduce a recording medium with contents recorded thereon, the method comprising . . . :

(a) displaying, on the video apparatus, a first menu page, the first menu page generated by the video apparatus independent of the disc device and including first type menu items associated with functions or operations of said disc device and a second type menu item for requesting a new menu page that is suppliable from the recording medium

as recited in independent claim 13;

(a) connecting the audio apparatus to a disc device via an interface, the disc device being able to reproduce an audio signal from a recording medium recorded with at least said audio signal . . .

(c) presenting, on the audio apparatus, the received menu items in non-graphical form, and sending selection information about a menu item selected from the presented menu items to said disc device that reproduces the recorded audio signal of the recording medium in response to the selection information

as recited in independent claim 21;

A method of controlling a remote device through a main device using menu pages, the remote device connected to the main device via an interface, the method comprising:

displaying, on the main device, a first menu page, the first menu page generated by the main device independent of the remote device and including at least one first time menu item for performing an operation on the remote device and a second type menu item for requesting a new menu page . . .

wherein the first and second menu items of the first menu page are prestored in and supplied from a memory of the main device

as recited in independent claim 25;

A menu-driven remote control apparatus for a video apparatus connected to a disc device via a digital interface, the disc device being able to reproduce a recording medium with contents recorded thereon, the control apparatus comprising:

(a) means for displaying a first menu page on the video apparatus, the first menu page generated by the video apparatus independent of the disc device and including first type menu items associated with functions or operations of said disc device and a second type menu item for requesting a new menu page that is suppliable from the recording medium

as recited in independent claim 29;

(a) means for connecting the audio apparatus to a disc device via an interface, the disc device being able to reproduce an audio signal from a recording medium recorded with at least said audio signal. . .

(c) means for presenting, on the audio apparatus, the received menu items in non-graphical form, and sending selection information about a menu

item selected from the presented menu items to said disc device that reproduces the recorded audio signal of the recording medium in response to the selection information

as recited in independent claim 37; and

An apparatus for controlling a remote device through a main device using menu pages, the remote device connected to the main device via an interface, the apparatus comprising:

means for displaying, on the main device, a first menu page, the first menu page generated by the main device independent of the remote device and including at least one first type menu item for performing an operation on the remote device and a second type menu item for requesting a new menu page

as recited in independent claim 41.

In the alternative, regarding dependent claims 26 and 42 and other similar claims such as claims 45-46, 48-49, 51-52 and 54-55, the Examiner alleges that Setogawa et al. discloses that the main device (or the video apparatus) is a television and the remove device (or the disc device) is a DVD player. To support her position, the Examiner cites column 16, lines 60-63 of Setogawa et al. However, column 16, lines 60-63 or any other portion of Setogawa et al. does not disclose specifically that the monitor device 332 is a television. It does disclose that the terminal 300 is composed of a CRT display device 302 and an input device 304 having a keyboard and a mouse, such as a personal computer. Thus, Setogawa et al. fails to anticipate claims 26 and 42 and other similar claims now added as claims 45-46, 48-49, 51-52 and 54-55.

Accordingly, the invention as recited in independent claims 13, 21, 25, 29, 37 and 41 and their dependent claims (due to their dependency) is patentable over Setogawa et al., and the rejection should be withdrawn.

35 U.S.C. § 103 Rejection

Claims 15 and 31 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Setogawa et al. et al. in view of Dinallo et al. (U.S. Patent No. 5,929,857). This rejection, insofar as it pertains to the presently pending claims, is respectfully traversed.

As discussed above, Setogawa et al. fails to teach or suggest, *inter alia*:

A menu-driven remote control method of a video apparatus connected to a disc device via a digital interface, the disc device being able to reproduce a recording medium with contents recorded thereon, the method comprising . . . :

(a) displaying, on the video apparatus, a first menu page, the first menu page generated by the video apparatus independent of the disc device and including first type menu items associated with functions or operations of said disc device and a second type menu item for requesting a new menu page that is suppliable from the recording medium

as recited in independent claim 13 from which claim 15 depends; and

A menu-driven remote control apparatus for a video apparatus connected to a disc device via a digital interface, the disc device being able to reproduce a recording medium with contents recorded thereon, the control apparatus comprising:

(a) means for displaying a first menu page on the video apparatus, the first menu page generated by the video apparatus independent of the disc device and including first type menu items associated with functions or operations of said disc device and a second type menu item for requesting a new menu page that is suppliable from the recording medium

as recited in independent claim 29 from which claims 31 depends.

Further, Dinallo et al. fails to overcome these deficiencies of Setogawa et al. since Dinallo et al. is merely relied on for teaching the specific menu items such as play-back, stop, pause, etc. Therefore, even if the references are combinable, assuming *arguendo*, the combination of references would still fail to teach or suggest the invention as recited in independent claims 13 and 29 and their dependent claims (due to their dependency). Accordingly, the rejection is improper and should be withdrawn.

New Claims

Dependent claim 45-56 further define the invention as recited in independent claims 13, 21, 25, 29, 37 and 41, and are patentable at least for the same reasons that their base independent claims are allowable as discussed above. Such new claims are fully supported by the original disclosure.

CONCLUSION

For the foregoing reasons and in view of the above clarifying amendments, Applicants respectfully request the Examiner to reconsider and withdraw all of the objections and rejections of record, and earnestly solicit an early issuance of a Notice of Allowance.

The Examiner is respectfully requested to enter this Amendment After Final Rejection, in that it raises no new issues but merely places the claims in a form more clearly patentable over the references of record. In the alternative, the Examiner is respectfully requested to enter this Amendment After Final Rejection in that it reduces the issues for appeal.

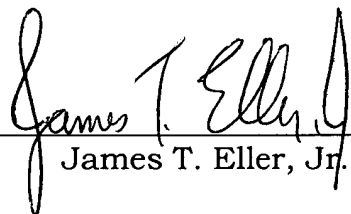
Should there be any outstanding matters which need to be resolved in the present application, the Examiner is respectfully requested to contact Esther H. Chong (Registration No. 40,953) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

Applicant respectfully petitions under the provisions of 37 C.F.R. § 1.136(a) and 1.17 for a two-month extension of time in which to respond to the Examiner's Office Action. **The Extension of Time Fee in the amount of \$420.00 is being paid with the concurrent filing herewith of a Notice of Appeal.**

If necessary, the Commissioner is hereby authorized in this, concurrent, and further replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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